

Claims

Two brackets for the purpose of quickly mounting a divers scuba tank to the BCD with one bracket attached to the back of the BCD and the other bracket attached to the scuba tank. The quick change brackets would also simplify the setting up the scuba tank for mounting to the BCD, exchanging tanks between dives, and putting on the BCD more securely and with less effort. The brackets would remain attached to their respective items when they are not connected together. Once they are attached to the BCD and the scuba tank, they would remain attached for quick mounting and dismounting when preparing to scuba dive.

1. Two brackets, one being flat with a horizontal “dove tail” slot in the center with the slot opening at the top of the bracket and with the slot having a stopping point near the bottom of the bracket to secure a second attached bracket in a fixed position. The second bracket is connected to the first bracket by means of a male “dove tail” extension which is slid in a vertical fashion down inside the “dove tail” slot in the first bracket. The second bracket, in addition to having the “dove tail” extension, has on the opposite side facing which faces the scuba tank, curved or half moon shaped surface.
2. The two mounting brackets attach together after being secured to the divers BCD and the divers scuba tank. The first mounting bracket is secured to the BCD by screws, washers, and threaded inserts through two counter sunk holes, one in the bracket located near the top and one located near the bottom of the bracket in the center of the slot. The second bracket attached to the divers scuba tank is attached by means of two standard scuba tank bands like the type that are typically provided with a divers BCD. The bands are two inches wide and fit into the two slots fashioned into the second bracket, one near the top and one near the bottom of the bracket. The curved side of this bracket attaches against the scuba tank and the other side attaches to the first bracket attached to the BCD by means of the dovetail cut extension.
3. There will be a Detent pin placed through both brackets near the top sliding through a hole in a horizontal position to further secure the two brackets together preventing them from separating when the diver is in a head down vertical position in the water.